

# FIBI113-R4

## Jacksonburg Creek

Route 94

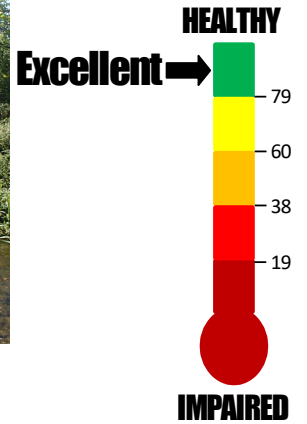
Municipality: Blainstown Twp

County: Warren

Drainage Area (sq miles): 9

Sample Date: 9/11/2017

Site Type: Fixed



### IBI Metrics

Metric 1-%Rheophilic Richness	77.00
Metric 2-%Cold Non-tolerant Coolwater	93.36
Metric 3-%Generalist Richness	81.62
Metric 4-Tolerance Index	84.47
Metric 5-%Lithophilic Richness	72.44
Metric 6-%Cyprinidae	89.54
Metric 7-%Dominant 3 Taxa	96.91
Metric 8-%Benthic Insectivore Richness	49.67

### Field Chemistry

Air Temp (°C)	12.9
Water Temperature (°C)	13.03
Dissolved Oxygen (mg/L)	10.8
% Saturation	101.3
pH	7.29
Conductivity (µS/cm)	222.6
Total Kjeldahl (mg/L)	0.18
Total Phosphorus (mg/L)	0.02
Nitrate/Nitrite (mg/L)	0.49

*Northern Fish IBI Score (0-100): 80.63*

*IBI Rating: Excellent*

*High Gradient Habitat Score (0-200): 159*

*Habitat Rating: Suboptimal*

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## **Jacksonburg Creek**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Abundance</b>
Blacknose Dace	<i>Rhinichthys atratulus</i>	549
Longnose Dace	<i>Rhinichthys cataractae</i>	120
Tessellated Darter	<i>Etheostoma olmstedi</i>	115
Creek Chub	<i>Semotilus atromaculatus</i>	85
White Sucker	<i>Catostomus commersoni</i>	59
Common Shiner	<i>Luxilus cornutus</i>	51
Satinfin Shiner	<i>Cyprinella analostana</i>	24
Margined Madtom	<i>Noturus insignis</i>	11
Largemouth Bass	<i>Micropterus salmoides</i>	8
Fallfish	<i>Semotilus corporalis</i>	5
Eastern Mudminnow	<i>Umbra pygmaea</i>	3
Bluegill	<i>Lepomis macrochirus</i>	2
Pumpkinseed	<i>Lepomis gibbosus</i>	1
Smallmouth Bass	<i>Micropterus dolomieu</i>	1
Rainbow Trout	<i>Oncorhynchus mykiss</i>	1
Rock Bass	<i>Ambloplites rupestris</i>	1